



**NOTES:**

1. Pile shall be placed against undisturbed material.
2. Primer and paint post interior from base plate to 6" above lower handhole-unless post is galvanized.
3. On single post sign structures, the post shall be raked out of plumb, with the use of leveling nuts to make the bottom of the sign frame level.
4. When foundation is located on a steep slope with exposed face of concrete adjacent to traffic, see "DETAIL J".
5. Slope protection required when indicated on Project Plans.
6. Foundation design is based on 2001 AASHTO article 13.6 Broms' approximate procedure assuming a cohesionless material. The angle of internal friction used is 30 degree and unit weight of soil used is 120 lb/ft<sup>3</sup>.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**OVERHEAD SIGN-TRUSS  
SINGLE POST TYPE  
FOUNDATION AND MISCELLANEOUS DETAILS  
CHANGEABLE MESSAGE SIGNS  
MODEL 510**

NO SCALE

**S135**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL NO. SHEETS
<p>REGISTERED CIVIL ENGINEER</p> <p>May 1, 2006</p> <p>PLANS APPROVAL DATE</p> <p>No. 041260</p> <p>Exp. 3-31-07</p> <p>CIVIL</p> <p>STATE OF CALIFORNIA</p> <p>To get to the Caltrans web site, go to <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a></p>				